HYDRAULIC CONDITIONS

Well name: ST-7

Well location: W ½ SE ¼ SW ¼ Sec. 32 T20S R3E **B.C. elev.:** 4482.78'

Depth to water (first noted in drilling): Not observed **Depth to water table (SS):** 416.98' (following post-development recovery)

Formation at depth where water was first noted: Tertiary Santa Fe Group alluvium

Borehole diameter: 17.5"-12.25" **Total depth of borehole:** 1020'

Type of well: Westbay® monitoring well retrofit within 4" stainless steel

Total depth of well: 1010'(SS); 1000'(WB) **Well diameter:** 4.5" OD (SS); 1.5" OD (WB)

Packed Westbay® interval(s): 440'-460', 540'-560', 775'-795', and 965'-985'

Lithologic description of screened or packed interval(s): Tertiary Santa Fe Group Alluvium

Pertinent observations and/or interpretations:

The aquifer is unconfined. The depth to water within the open borehole from geophysical logs was 365'. The water level within the stainless steel cased borehole following development and from the pressure profile was 417'.

Pressure profile summary (Westbay®):

Regional depth to water is approximately 417' (indicated by similar water depth in all sampling zones). Consistent piezometric levels for the pressure profile (409'-417' below ground surface) indicate a single hydrostratigraphic unit. No distinct upward or downward gradients are apparent between ports. The pressure profile indicates that all packers are inflated and functioning.

Pertinent Information on conditions in surrounding wells:
(ie. potential comparisons)